**FIRST® LEGO® League Discover Professional Development**

**Course Description**

In the *FIRST® LEGO® League Discover* professional development course, participants will learn how to engage participants ages 4-6 in hands-on science, technology, engineering, and math (STEM) learning. This course uses a playful approach to introduce STEM concepts to children while igniting their natural curiosity and building their habits of learning. Participants will explore hands-on activities for the classroom and at home using LEGO® DUPLO® bricks.

**Course Requirements**

*FIRST®* Provides:

- *FIRST® Discover Set*, *Team Meeting Guide* and *Engineering Notebook*
- LEGO® Education STEAM Park set

**Course Objectives**

By the end of this course, you will:

- Participate in the *FIRST®* experience from a student’s point of view
- Explore the essential components of the *FIRST LEGO League Discover*
- Experience using Discover Set, *Team Meeting Guide*, *Engineering Notebook* and STEAM Park Set
- Practice LEGO® Six Bricks activities and learn how to facilitate Discover in your classroom
- Obtain ideas to run and facilitate hands-on playful learning
- Collaborate with other participants and share best practices
- Have experience with Project-Based Learning, the Engineering Design Process, and 21st Century Skills
- Implement Diversity and Inclusion practices
- Utilize, model, and reinforce the *FIRST Core Values*
- Explore ways to bring learning home to families through interactive activities using the *FIRST LEGO League Discover More* take-home set of materials